SANTEE RIVER BASIN 323

02171850 SOUTH SANTEE RIVER NEAR MCCLELLANVILLE, SC

LOCATION.--Lat 33°11'02'', long 79°24'22'', Charleston County, Hydrologic Unit 03050112, near right upstream bank on southbound U.S. Highway 17, 1.5 mi north of South Santee, and 5.5 mi south of North Santee.

PERIOD OF RECORD. -- October 1993 to current year.

GAGE.--Data collection platform. Datum of gage is 8.67 ft below sea level (National Oceanic Survey benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta. 02171000) and rediversion from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.28 ft, Feb. 10, 1998; minimum gage height, 5.17 ft, Jul. 26, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.26 ft, Sep. 15; minimum gage height, 5.43 ft, Jul. 11.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1 2	10.94 11.50	6.47 6.48	8.93 9.29	11.33 11.42	6.44 6.36	9.10 9.19	10.88 11.23	5.52 5.45	8.13 8.54			
3	11.47	6.64	9.29	11.42	6.51	9.19	11.38	5.45	8.53			
4	11.43	6.27	9.04	11.53	6.15	9.06	11.22	5.49	8.26			
5	11.52	6.33	9.12	11.85	6.26	9.39	11.27	5.51	8.34			
6	11.70	6.62	9.47	11.82	6.63	9.26	11.16	5.69	8.24			
7	11.84	6.86	9.49	11.34	6.02	8.64	10.91	5.71	8.06			
8	11.52	6.39	8.94	11.17	5.97	8.51	10.59	5.74	7.88			
9	11.22	5.89	8.51	10.90	6.15	8.43	9.94	5.77	7.89			
10	11.19	6.00	8.53	10.80	6.42	8.58	10.54	6.53	8.54			
11	11.12	6.16	8.61	10.30	5.81	8.13	10.54	6.71	8.73			
12	11.01	6.43	8.70	10.36	6.26	8.18	10.93	6.85	9.07			
13	11.13	6.75	9.00	10.64	6.63	8.65	10.99	6.13	8.66			
14	11.01	6.80	9.07	10.66	6.43	8.59	10.75	6.18	8.83			
15	11.04	6.84	8.99	10.60	6.20	8.30	11.30	6.96	9.22	10.91	6.35	8.50
16	11.09	6.81	9.07	10.58	6.05	8.38	10.67	6.57	8.75			
17	11.01	6.76	9.04	10.61	6.08	8.24	11.00	6.31	8.52			
18	10.91	6.61	8.81	10.95	5.95	8.65	11.20	6.01	8.72	11.28	6.52	8.80
19	10.73	6.32	8.59	11.17	6.55	8.75	11.40	6.70	9.02			
20	10.61	6.02	8.27	10.85	6.18	8.34	11.08	6.38	8.61			
21	10.81	6.12	8.46	10.42	5.88	8.03	10.98	6.05	8.42	11.20	6.48	8.77
22	10.44	6.18	8.26	10.79	6.21	8.37				11.12	6.62	8.82
23	11.00	6.60	8.76	10.70	6.20	8.21				11.20	6.86	9.03
24	10.86	6.62	8.61	10.31	5.87	7.83				11.09	6.53	8.94
25	10.61	6.39	8.29	10.71	6.43	8.39				10.76	6.51	8.73
26	10.39	6.34	8.26	10.17	5.91	7.98						
27	10.64	6.46	8.46	10.20	5.90	7.86						
28	10.91	6.81	8.80	10.46	5.98	8.27				11.07	6.39	8.63
29	10.76	6.54	8.63	10.57	5.73	8.29				11.16	6.26	8.98
30	10.98	6.47	8.85	10.78	5.73	8.24						
31	11.23	6.47	8.92									
MONTH	11.84	5.89	8.81	11.85	5.73	8.50	11.40	5.45	8.52	11.28	6.26	8.80

324 SANTEE RIVER BASIN

YEAR 12.26 5.43 8.84

02171850 SOUTH SANTEE RIVER NEAR MCCLELLANVILLE, SC--Continued GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

			GAGE HEI	GHI, FEEI,	WAIER	LEAR OCTO	BEK 1998 1	IO SEPIEI	IBER 1999			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	Y		MARCH			APRIL			MAY	
1 2 3 4 5		 	 	 11.55 	 6.91 	8.86 	10.96 10.95 11.07 10.75 11.58	6.27 6.13 6.49 6.62 6.31	8.61 8.46 8.72 8.68 8.88	12.06 11.72 11.40 11.32 11.28	8.02 7.59 7.18 7.24 7.02	10.27 9.98 9.49 9.24 9.11
6 7 8 9 10	10.54 10.25 10.92 10.92	7.42 7.29 7.77 7.53	8.93 8.73 9.39 9.20	 	 	 	11.59 10.72 10.38 10.72 10.51	7.12 6.73 6.74 6.86 6.65	9.34 8.45 8.40 8.63 8.85	11.05 10.80 10.67 10.40 10.69	6.65 6.50 6.60 6.50 6.43	8.63 8.45 8.38 8.43 8.67
11 12 13 14 15	11.19 10.88 	7.26 6.57 	9.31 8.91 	10.79 10.77 10.87 11.47 10.89	7.44 6.98 7.22 7.25 6.06	9.11 8.97 9.10 9.95 8.58	11.44 11.07 11.61 11.65 11.92	6.83 6.46 6.79 6.67 6.80	9.58 8.97 9.57 9.43 9.62	11.21 11.45 11.59 11.97 12.06	6.70 6.61 6.15 6.36 6.78	9.15 9.37 9.13 9.31 9.72
16 17 18 19 20	11.58 	7.06	9.43 	11.33 11.30 11.08 11.46 11.57	6.25 6.32 6.04 5.90 6.31	9.11 8.93 8.61 8.81 8.90	11.39 11.38 11.27 11.08 11.00	5.71 5.68 5.58 5.70 5.65	8.64 8.43 8.27 8.26 7.97	12.16 12.14 11.88 11.83 11.52	6.88 6.95 6.91 6.52 6.84	9.80 9.80 9.69 9.24 9.15
21 22 23 24 25	 	 	 	11.43 10.79 10.84 10.82 10.62	6.17 5.92 6.04 6.00 6.13	9.01 8.17 8.21 8.20 8.30	10.72 11.07 10.69 10.89 11.22	5.89 6.01 6.00 6.14 6.91	8.23 8.25 8.16 8.52 9.34	11.27 10.95 10.63 10.54 10.90	6.66 6.49 6.44 6.24 6.28	8.94 8.71 8.59 8.47 8.51
26 27 28 29 30 31	11.32 	6.60 	8.84 	11.25 11.17 11.04 10.96 11.24 11.16	6.79 6.53 6.28 6.13 6.27 6.57	9.14 8.94 8.73 8.69 8.92 8.98	11.04 11.18 11.39 11.70 12.03	6.64 6.47 6.98 7.13 7.79	9.02 8.93 9.48 9.51 10.37	10.89 11.26 11.07 10.98 11.01	6.32 6.41 6.43 6.26 6.25 6.41	8.62 8.76 8.71 8.48 8.44 8.56
MONTH	11.58	6.57	9.09	11.57	5.90	8.83	12.03	5.58	8.85	12.16	6.15	9.03
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999												
			CACE HET	CUT FFFT	MATED Y	VEND OCTO	BED 1998 T	ro grdtri	/BFD 1000			
DAY	MAX	MIN						TO SEPTE		MAX	MIN	MEAN
DAY	MAX	MIN JUNE	GAGE HEI MEAN	GHT, FEET,	WATER Y	YEAR OCTO	MAX		MEAN		MIN SEPTEMBI	
DAY 1 2 3 4 5	MAX 10.97 10.75 10.38 10.85 10.91				MIN		MAX	MIN				
1 2 3 4	10.97 10.75 10.38 10.85	JUNE 6.46 6.34 6.11 6.04	MEAN 8.53 8.40 8.03 8.23	10.93 10.93 10.83 10.83	MIN JULY 6.17 6.41 6.22 6.19	MEAN 8.32 8.45 8.38 8.37	MAX 10.92 11.03 11.29 11.35	MIN AUGUST 6.37 6.30 6.59 7.00	MEAN 8.70 8.80 9.28 9.38	11.74 11.83 12.17 11.76	7.24 7.58 7.88 7.47	9.82 10.02 10.31 9.91
1 2 3 4 5 6 7 8 9	10.97 10.75 10.38 10.85 10.91 10.92 10.80 10.83 10.81	JUNE 6.46 6.34 6.11 6.04 6.80 6.54 6.50 6.31 5.91 5.75	8.53 8.40 8.03 8.23 8.85 8.63 8.68 8.67 8.46	MAX 10.93 10.93 10.83 10.62 10.59 10.68 10.98 11.06 11.16	MIN JULY 6.17 6.41 6.22 6.19 5.91 5.98 5.91 5.70 5.54	MEAN 8.32 8.45 8.38 8.37 8.22 8.27 8.23 8.34 8.36 8.28	MAX 10.92 11.03 11.29 11.35 11.36 11.37 11.38 11.43 11.66 11.83	MIN AUGUST 6.37 6.30 6.59 7.00 6.47 6.27 6.17 6.02 5.78 6.79	8.70 8.80 9.28 9.38 9.13 9.03 8.96 8.87 8.66	11.74 11.83 12.17 11.76 11.33 11.47 11.48 11.42 11.50 11.38	7.24 7.58 7.88 7.47 6.58 6.56 6.47 6.37 6.62 6.52	9.82 10.02 10.31 9.91 9.21 9.14 9.13 9.10 9.18
1 2 3 4 5 6 7 8 9 10 11 12 13 14	10.97 10.75 10.38 10.85 10.91 10.92 10.80 10.83 10.81 11.14 12.03 12.07 12.03 11.78	JUNE 6.46 6.34 6.11 6.04 6.80 6.54 6.50 6.31 5.75 6.22 6.60 6.45 6.18	MEAN 8.53 8.40 8.03 8.23 8.85 8.63 8.67 8.46 8.52 9.33 9.62 9.46 9.17	MAX 10.93 10.93 10.83 10.62 10.59 10.68 10.98 11.06 11.16 11.45 11.94 11.84 11.71	MIN JULY 6.17 6.41 6.22 6.19 5.91 5.70 5.54 5.49 5.43 6.27 6.56 6.57	MEAN 8.32 8.45 8.38 8.37 8.22 8.27 8.23 8.34 8.36 8.28 8.25 9.22 9.41 9.27	MAX 10.92 11.03 11.29 11.35 11.36 11.37 11.38 11.66 11.83 11.55 11.46 11.31 10.98	MIN AUGUST 6.37 6.30 6.59 7.00 6.47 6.17 6.02 5.78 6.79 6.43 6.37 6.41 6.56	MEAN 8.70 8.80 9.28 9.38 9.13 9.03 8.96 8.87 8.66 9.48 9.26 9.05 8.99 8.90	11.74 11.83 12.17 11.76 11.33 11.47 11.48 11.42 11.50 11.38 11.39 11.40 11.30	7.24 7.58 7.47 6.58 6.56 6.47 6.62 6.52 6.76 7.24 7.31	9.82 10.02 10.31 9.91 9.21 9.14 9.13 9.10 9.18 9.11 9.34 9.51 9.45 9.45
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	10.97 10.75 10.38 10.85 10.91 10.92 10.80 10.83 10.81 11.14 12.03 12.07 12.03 11.78 11.63	JUNE 6.46 6.34 6.11 6.04 6.80 6.54 6.50 6.31 5.91 5.75 6.22 6.60 6.45 6.18 6.15	8.53 8.40 8.03 8.23 8.85 8.63 8.67 8.46 8.52 9.33 9.62 9.17 8.92 8.91 8.97 9.65	MAX 10.93 10.93 10.83 10.83 10.62 10.59 10.68 11.06 11.16 11.45 11.94 11.71 11.54 11.20 11.08 10.85 10.35	MIN JULY 6.17 6.41 6.22 6.19 5.91 5.98 5.91 5.70 5.54 5.49 5.43 6.27 6.51 6.43 6.45 6.26 6.57 6.51	8.32 8.45 8.38 8.37 8.22 8.27 8.23 8.34 8.36 8.28 8.25 9.22 9.41 9.27 9.15 9.01 8.70 8.41 8.16	MAX 10.92 11.03 11.29 11.35 11.36 11.37 11.38 11.43 11.66 11.83 11.55 11.46 11.31 10.98 10.96 10.84 10.58 10.44 10.58	MIN AUGUST 6.37 6.30 6.59 7.00 6.47 6.27 6.02 5.78 6.79 6.43 6.37 6.41 6.56 6.34 6.36 6.40 6.46 6.27	MEAN 8.70 8.80 9.28 9.38 9.13 9.03 8.96 8.87 8.66 9.48 9.26 9.05 8.99 8.90 8.75 8.57 8.57 8.57 8.41 8.24	11.74 11.83 12.17 11.76 11.33 11.47 11.48 11.42 11.50 11.38 11.39 11.40 11.30 11.26 12.26	7.24 7.58 7.47 6.58 6.56 6.47 6.37 6.62 6.52 6.76 7.24 7.31 7.36 8.13 6.44 7.22 7.18	9.82 10.02 10.31 9.91 9.21 9.14 9.13 9.10 9.18 9.11 9.34 9.51 9.45 9.41 10.22 8.22 8.84 8.97 8.96
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	10.97 10.75 10.38 10.85 10.91 10.92 10.80 10.83 10.81 11.14 12.03 12.07 11.78 11.63 11.56 11.58 11.64 11.22	JUNE 6.46 6.34 6.11 6.04 6.80 6.54 6.50 6.31 5.91 5.75 6.22 6.60 6.45 6.18 6.15 6.29 6.58 7.12 6.60 6.85 6.77 6.67 7.00 6.79	MEAN 8.53 8.40 8.03 8.23 8.85 8.63 8.68 8.67 8.46 8.52 9.33 9.62 9.46 9.17 8.92 8.91 8.97 9.65 9.02 8.75 8.85 9.12 8.99	MAX 10.93 10.93 10.83 10.83 10.62 10.59 10.68 11.06 11.16 11.45 11.94 11.71 11.54 11.20 11.08 10.85 10.35 10.03 10.50 10.62 10.68 10.73	MIN JULY 6.17 6.41 6.22 6.19 5.91 5.90 5.549 5.43 6.27 6.56 6.57 6.51 6.43 6.45 6.22 6.04 5.82 6.04 6.56 6.37	MEAN 8.32 8.45 8.38 8.37 8.22 8.27 8.23 8.34 8.36 8.28 8.25 9.22 9.41 9.27 9.15 9.01 8.70 8.41 8.16 7.92 8.21 8.60 8.50 8.50	MAX 10.92 11.03 11.29 11.35 11.36 11.37 11.38 11.43 11.66 11.83 11.55 11.46 11.31 10.98 10.96 10.84 10.58 10.44 10.58 10.43 11.22 11.45 11.45	MIN AUGUST 6.37 6.30 6.59 7.00 6.47 6.27 6.17 6.02 5.78 6.79 6.43 6.37 6.41 6.56 6.34 6.36 6.40 6.46 6.27 6.41 6.20 6.61 7.13 6.89	MEAN 8.70 8.80 9.28 9.38 9.13 9.03 8.96 8.87 8.66 9.48 9.26 9.05 8.99 8.90 8.75 8.57 8.57 8.57 8.57 8.57 8.57 8.5	11.74 11.83 12.17 11.76 11.33 11.47 11.48 11.42 11.50 11.38 11.39 11.40 11.30 11.26 12.26 10.11 10.99 10.85 10.87 11.17	7.24 7.58 7.47 6.58 6.56 6.47 6.62 6.52 6.76 7.24 7.31 7.36 8.13 6.44 7.22 7.19 7.22 7.50 7.35 7.65	9.82 10.02 10.31 9.91 9.21 9.14 9.13 9.10 9.18 9.11 9.34 9.51 9.45 9.41 10.22 8.22 8.84 8.96 9.15 9.65 9.71 9.86
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31	10.97 10.75 10.38 10.85 10.91 10.92 10.80 10.83 10.81 11.14 12.03 11.78 11.63 11.56 11.56 11.56 11.56 11.56 11.56 11.56 11.50 11.09 11.09 11.09 11.09 11.09	JUNE 6.46 6.34 6.11 6.04 6.80 6.54 6.50 6.31 5.75 6.22 6.60 6.41 6.15 6.29 6.58 7.12 7.00 6.70 6.70 6.70 6.70 6.17 6.01 5.76	MEAN 8.53 8.40 8.03 8.23 8.85 8.63 8.68 8.67 8.46 8.52 9.33 9.62 9.46 9.17 8.92 8.91 8.97 9.47 9.65 9.02 8.75 8.85 9.12 8.99 8.84 8.57 8.32 8.07 8.03 8.30	MAX 10.93 10.93 10.83 10.62 10.59 10.68 11.06 11.16 11.45 11.94 11.71 11.54 11.20 11.08 10.85 10.03 10.62 10.68 10.73 10.80 10.93 11.19 11.23 11.13 11.12	MIN JULY 6.17 6.41 6.22 6.19 5.91 5.98 5.91 5.70 6.56 6.57 6.56 6.57 6.51 6.43 6.45 6.22 6.04 6.56 6.46 6.37 6.28 6.05 6.36 6.37 6.36 6.39	8.32 8.45 8.38 8.37 8.22 8.27 8.23 8.34 8.36 8.28 8.25 9.21 9.27 9.15 9.01 8.41 8.70 8.41 8.50 8.50 8.50 8.48 8.33 8.34	MAX 10.92 11.03 11.29 11.35 11.36 11.37 11.38 11.43 11.66 11.31 10.98 10.94 10.58 10.44 10.48 10.58 10.44 10.48 10.58 11.22 11.45 11.31 11.20 11.20 11.20 11.48 11.67 11.68	MIN AUGUST 6.37 6.30 6.59 7.00 6.47 6.27 6.17 6.02 5.78 6.79 6.41 6.56 6.34 6.36 6.40 6.46 6.27 6.41 6.20 6.61 7.13 6.89 6.41 6.20 6.61 7.13 6.89 6.41 6.20 6.61 7.13 6.89 6.40 6.70 7.07	8.70 8.80 9.28 9.38 9.13 9.03 8.96 8.87 8.66 9.48 9.26 9.05 8.99 8.75 8.57 8.41 8.47 8.33 8.86 9.36 9.36 9.36 9.36 9.36 9.36 9.36	11.74 11.83 12.17 11.76 11.33 11.47 11.48 11.42 11.50 11.38 11.39 11.40 11.30 11.26 12.26 10.11 10.99 10.85 10.87 11.17 11.63 11.77 11.78 11.77 11.87 11.57	7.24 7.58 7.47 6.58 6.56 6.47 6.52 6.76 7.24 7.31 8.13 6.44 7.32 7.18 7.22 7.50 7.35 7.66 7.45 6.97 6.82 6.82 7.05 6.89	9.82 10.02 10.31 9.91 9.21 9.14 9.13 9.10 9.18 9.11 9.34 9.51 9.45 9.41 10.22 8.22 8.84 8.96 9.15 9.65 9.65 9.62 9.86 9.62